

|   | Type | Hits | Search Text   |
|---|------|------|---|
| 1 | BRS  | 0    | 10/636007   |
| 2 | BRS  | 0    | '10636007'  |
| 3 | BRS  | 7    | (fiber\$1 waveguide wave near1 guid\$3) near7 (pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4  |
| 4 | BRS  | 41   | (fiber\$1 waveguide wave near1 guid\$3) near7 (pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4  |
| 5 | BRS  | 155  | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4   |
| 6 | BRS  | 37   | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4   |
| 7 | BRS  | 42   | (fiber\$1 waveguide wave near1 guid\$3) near7 (air gas) same pressur\$4 same (fluid\$1 liquid\$2 oil water) same reflect\$5   |
| 8 | BRS  | 0    | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3) near7 (air gas) same pressur\$4 same (fluid\$1 liquid\$2 oil water) same reflect\$5) |
| 9 | BRS  | 42   | (fiber\$1 waveguide wave near1 guid\$3) near7 (air gas) same pressur\$4 same (fluid\$1 liquid\$2 oil water) same reflect\$5   |

|   | DBs               | Time Stamp       | Comments | Error Definition |
|---|-------------------|------------------|----------|------------------|
| 1 | US-PGPUB; USPAT   | 2005/04/13 13:06 |          |                  |
| 2 | US-PGPUB; USPAT   | 2004/10/27 17:54 |          |                  |
| 3 | EPO; JPO; DERWENT | 2004/10/28 12:30 |          |                  |
| 4 | US-PGPUB; USPAT   | 2004/10/28 10:53 |          |                  |
| 5 | US-PGPUB; USPAT   | 2004/10/28 14:33 |          |                  |
| 6 | EPO; JPO; DERWENT | 2004/10/28 11:17 |          |                  |
| 7 | US-PGPUB; USPAT   | 2004/10/28 10:58 |          |                  |
| 8 | US-PGPUB; USPAT   | 2004/10/28 10:58 |          |                  |
| 9 | US-PGPUB; USPAT   | 2004/10/28 10:58 |          |                  |

|   | Errors | Ref # |
|---|--------|-------|
| 1 |        | S1    |
| 2 |        | S2    |
| 3 |        | S3    |
| 4 |        | S4    |
| 5 |        | S5    |
| 6 |        | S6    |
| 7 |        | S7    |
| 8 |        | S8    |
| 9 |        | S9    |

|    | Type | Hits | Search Text   |
|----|------|------|---|
| 10 | BRS  | 0    | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3) near7 (air gas) same pressur\$4 same (fluid\$1 liquid\$2 oil water) same reflect\$5) |
| 11 | BRS  | 473  | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (air gas) same (fluid\$1 liquid\$2 oil water) same reflect\$5  |
| 12 | BRS  | 1    | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (air gas) same (fluid\$1 liquid\$2 oil water) same reflect\$5)            |
| 13 | BRS  | 1    | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3 core) same reflect\$5 near5 (fluid\$1 liquid\$2 oil water) same delay\$4)             |
| 14 | BRS  | 7    | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4 same reflect\$5   |
| 15 | BRS  | 3    | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4 same reflect\$5   |
| 16 | BRS  | 12   | (fiber\$1 waveguide wave near1 guid\$3 core) same reflect\$5 near5 (fluid\$1 liquid\$2 oil water) same delay\$4   |

|    | DBs               | Time Stamp       | Comments | Error Definition |
|----|-------------------|------------------|----------|------------------|
| 10 | US-PGPUB; USPAT   | 2004/10/28 10:58 |          |                  |
| 11 | US-PGPUB; USPAT   | 2004/10/28 11:29 |          |                  |
| 12 | US-PGPUB; USPAT   | 2004/10/28 11:01 |          |                  |
| 13 | US-PGPUB; USPAT   | 2004/10/28 11:09 |          |                  |
| 14 | US-PGPUB; USPAT   | 2004/10/28 11:53 |          |                  |
| 15 | EPO; JPO; DERWENT | 2004/10/28 11:18 |          |                  |
| 16 | US-PGPUB; USPAT   | 2004/10/28 11:25 |          |                  |

|    | Errors | Ref # |
|----|--------|-------|
| 10 |        | S10   |
| 11 |        | S11   |
| 12 |        | S12   |
| 13 |        | S13   |
| 14 |        | S14   |
| 15 |        | S15   |
| 16 |        | S16   |

|    | Type | Hits  | Search Text   |
|----|------|-------|---|
| 17 | BRS  | 361   | reflect\$5 near4 (fluid\$1 liquid\$2 oil water) same delay\$4   |
| 18 | BRS  | 1     | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4) and (reflect\$5 near4 (fluid\$1 liquid\$2 oil water) same delay\$4)     |
| 19 | BRS  | 0     | (reflect\$5 near4 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (air gas) same (fluid\$1 liquid\$2 oil water) same reflect\$5)  |
| 20 | BRS  | 16628 | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (air gas) same (fluid\$1 liquid\$2 oil water)  |
| 21 | BRS  | 2     | (reflect\$5 near4 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (air gas) same (fluid\$1 liquid\$2 oil water))  |
| 22 | BRS  | 4     | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4 same reflect\$5) and (air gas\$2 pressur\$4)                             |
| 23 | BRS  | 7     | (fiber\$1 waveguide wave near1 guid\$3) near7 (pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4  |
| 24 | BRS  | 0     | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4 same reflect\$5) and (refelect\$5 near14 (fluid\$1 liquid\$2 oil water)) |

|    | DBs               | Time Stamp       | Comments | Error Definition |
|----|-------------------|------------------|----------|------------------|
| 17 | US-PGPUB; USPAT   | 2004/10/28 11:28 |          |                  |
| 18 | US-PGPUB; USPAT   | 2004/10/28 11:27 |          |                  |
| 19 | US-PGPUB; USPAT   | 2004/10/28 11:28 |          |                  |
| 20 | US-PGPUB; USPAT   | 2004/10/28 11:30 |          |                  |
| 21 | US-PGPUB; USPAT   | 2005/04/04 18:15 |          |                  |
| 22 | US-PGPUB; USPAT   | 2004/10/28 11:32 |          |                  |
| 23 | EPO; JPO; DERWENT | 2004/10/28 11:34 |          |                  |
| 24 | US-PGPUB; USPAT   | 2004/10/28 11:54 |          |                  |



|    | Errors | Ref # |
|----|--------|-------|
| 17 |        | S17   |
| 18 |        | S18   |
| 19 |        | S19   |
| 20 |        | S20   |
| 21 |        | S21   |
| 22 |        | S22   |
| 23 |        | S23   |
| 24 |        | S24   |

|    | Type | Hits | Search Text  |
|----|------|------|--|
| 25 | BRS  | 4    | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4 same reflect\$5) and (reflect\$5 near14 (fluid\$1 liquid\$2 oil water)) |
| 26 | BRS  | 2    | (fiber\$1 waveguide wave near1 guid\$3) near7 (pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) near7 reflect\$5 same delay\$4  |
| 27 | BRS  | 2    | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) near7 reflect\$5 same delay\$4   |
| 28 | BRS  | 3    | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) near7 reflect\$5 same delay\$4   |
| 29 | BRS  | 2    | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) near7 reflect\$5 same delay\$4   |
| 30 | BRS  | 3    | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) near7 reflect\$5 same delay\$4   |
| 31 | BRS  | 1    | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same (fluid\$1 liquid\$2 oil water) near7 reflect\$5 same delay\$4                     |
| 32 | BRS  | 167  | (fluid\$1 liquid\$2 oil water) near7 reflect\$5 same reflect\$5 near9 delay\$4   |

|    | DBs               | Time Stamp       | Comments | Error Definition |
|----|-------------------|------------------|----------|------------------|
| 25 | US-PGPUB; USPAT   | 2004/10/28 12:18 |          |                  |
| 26 | EPO; JPO; DERWENT | 2005/04/04 16:51 |          |                  |
| 27 | EPO; JPO; DERWENT | 2004/10/28 12:36 |          |                  |
| 28 | US-PGPUB; USPAT   | 2004/10/28 12:36 |          |                  |
| 29 | EPO; JPO; DERWENT | 2004/10/28 12:36 |          |                  |
| 30 | US-PGPUB; USPAT   | 2004/10/28 12:38 |          |                  |
| 31 | US-PGPUB; USPAT   | 2004/10/28 12:40 |          |                  |
| 32 | US-PGPUB; USPAT   | 2004/10/28 14:35 |          |                  |

|    | Errors | Ref # |
|----|--------|-------|
| 25 |        | S25   |
| 26 |        | S26   |
| 27 |        | S27   |
| 28 |        | S28   |
| 29 |        | S29   |
| 30 |        | S30   |
| 31 |        | S31   |
| 32 |        | S32   |

|    | Type | Hits  | Search Text   |
|----|------|-------|---|
| 33 | BRS  | 1     | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fluid\$1 liquid\$2 oil water) near7 reflect\$5 same reflect\$5 near9 delay\$4)  |
| 34 | BRS  | 5419  | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (hollow\$2) same (fiber\$1 waveguide wave near1 guid\$3 core) near7 (fluid\$1 liquid\$2 oil water)   |
| 35 | BRS  | 12    | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (hollow\$2) same (fiber\$1 waveguide wave near1 guid\$3 core) near7 (fluid\$1 liquid\$2 oil water) )  |
| 36 | BRS  | 23302 | (fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water)   |
| 37 | BRS  | 0     | ((fluid\$1 liquid\$2 oil water) near7 reflect\$5 same reflect\$5 near9 delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (hollow\$2) same (fiber\$1 waveguide wave near1 guid\$3 core) near7 (fluid\$1 liquid\$2 oil water) ) and ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water)) |
| 38 | BRS  | 3     | (fiber\$1 waveguide wave near1 guid\$3) near7 (pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) near7 reflect\$5 same delay\$4   |

|    | DBs               | Time Stamp       | Comments | Error Definition |
|----|-------------------|------------------|----------|------------------|
| 33 | US-PGPUB; USPAT   | 2004/10/28 12:41 |          |                  |
| 34 | US-PGPUB; USPAT   | 2004/10/28 14:31 |          |                  |
| 35 | US-PGPUB; USPAT   | 2005/04/14 11:10 |          |                  |
| 36 | US-PGPUB; USPAT   | 2004/10/28 14:34 |          |                  |
| 37 | US-PGPUB; USPAT   | 2004/10/28 14:35 |          |                  |
| 38 | EPO; JPO; DERWENT | 2005/04/04 18:15 |          |                  |

|    | Errors | Ref # |
|----|--------|-------|
| 33 |        | S33   |
| 34 |        | S34   |
| 35 |        | S35   |
| 36 |        | S36   |
| 37 |        | S37   |
| 38 |        | S38   |

|    | Type | Hits | Search Text  |
|----|------|------|--|
| 39 | BRS  | 3    | (reflect\$5 near4 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (air gas) same (fluid\$1 liquid\$2 oil water))   |
| 40 | BRS  | 6    | (fiber\$1 waveguide wave near1 guid\$3) near7 (pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) near7 reflect\$5 same delay\$4  |
| 41 | BRS  | 1    | 10/636007  |
| 42 | BRS  | 0    | S41 and (fber\$1 waveguide\$1 fibre\$1 wave\$1 near1 guid\$3) near12 (hol\$3 tub\$3 acoust\$5)   |
| 43 | BRS  | 1    | S41 and (fiber\$1 waveguide\$1 fibre\$1 wave\$1 near1 guid\$3) near12 (hol\$3 tub\$3 acoust\$5)  |
| 44 | BRS  | 1    | 10/636007  |
| 45 | BRS  | 1    | S44 and ((countinu\$5 move\$5) near12 (fluid) same reserv\$5 same fiber\$1)  |
| 46 | BRS  | 14   | ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (capsul\$5 capill\$5 pump\$4 pressur\$4 control\$4 flow\$3 tank reservoir) near14 (fluid\$1 liquid\$2 oil water) same delay\$4) and ((fiber\$1 waveguide wave near1 guid\$3 core) near7 (hollow\$2) same (fiber\$1 waveguide wave near1 guid\$3 core) near7 (fluid\$1 liquid\$2 oil water) ) |



|    | DBs                                   | Time Stamp       | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 39 | US-PGPUB; USPAT                       | 2005/04/04 18:15 |          |                  |
| 40 | US-PGPUB; USPAT                       | 2005/04/04 18:15 |          |                  |
| 41 | US-PGPUB; USPAT                       | 2005/04/13 17:30 |          |                  |
| 42 | US-PGPUB; USPAT                       | 2005/04/13 13:09 |          |                  |
| 43 | US-PGPUB; USPAT                       | 2005/04/13 17:26 |          |                  |
| 44 | US-PGPUB; USPAT                       | 2005/04/13 17:30 |          |                  |
| 45 | US-PGPUB; USPAT                       | 2005/04/13 17:30 |          |                  |
| 46 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2005/04/14 11:10 |          |                  |

|           | <b>Errors</b> | <b>Ref #</b> |
|-----------|---------------|--------------|
| <b>39</b> |               | S39          |
| <b>40</b> |               | S40          |
| <b>41</b> |               | S41          |
| <b>42</b> |               | S42          |
| <b>43</b> |               | S43          |
| <b>44</b> |               | S44          |
| <b>45</b> |               | S45          |
| <b>46</b> |               | S46          |